



IFW

<b>TRANSMITTAL FORM</b> (to be used for all correspondence after initial filing)		Application No.	10/748,384
		Filing Date	December 29, 2003
		First Named Inventor	Tatiana Shpeisman
		Art Unit	
		Examiner Name	
Total Number of Pages in This Submission	6	Attorney Docket Number	42P17251

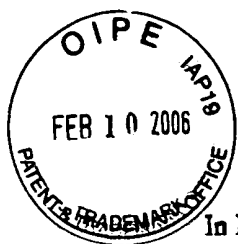
ENCLOSURES (check all that apply)		
<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment / Response <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input checked="" type="checkbox"/> Information Disclosure Statement <input checked="" type="checkbox"/> PTO/SB/08 <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/Incomplete Application <input type="checkbox"/> Basic Filing Fee <input type="checkbox"/> Declaration/POA <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) <input type="checkbox"/> Landscape Table on CD	<input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input checked="" type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): <div style="border: 1px solid black; padding: 5px; margin-top: 5px;"><ul style="list-style-type: none"><li>- First Class Certificate of Mailing;</li><li>- return receipt postcard; and</li><li>- copies of 4 of the cited references and a copy of the PCT Search Report</li></ul></div>
Remarks		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
Firm or Individual name	Libby H. Hope, Reg. No. 46,774 INTEL CORPORATION
Signature	
Date	2.7.06

CERTIFICATE OF MAILING/TRANSMISSION			
I hereby certify that this correspondence is being deposited with the United States Postal Service on the date shown below with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.			
Typed or printed name	Krista Mathieson		
Signature		Date	2.7.06

Based on PTO/SB/21 (09-04) as modified by Blakely, Sokoloff, Taylor & Zeffman (wlr) 11/30/2005.  
SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

BEST AVAILABLE COPY



Docket No.: 42P17251

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re the Application of:

TATIANA SHPEISMAN, ET AL.

Application No.: 10/748,384

Filed: December 29, 2003

For: DATA LAYOUT MECHANISM TO  
REDUCE HARDWARE RESOURCE  
CONFLICTS

Art Group:

Examiner:

## STATUS INQUIRY

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

The above-captioned application, an amendment thereto, or an Appeal Brief was filed more than 18 months ago and no substantive Office Action has issued to date. Please provide the current status of the application and an indication of when the next Action is expected to issue.

Respectfully submitted,

INTEL CORPORATION

Date: 2-7-06

Libby H. Hope, Reg. No. 46,774

12400 Wilshire Boulevard, 7th Floor  
Los Angeles, CA 90025

## CERTIFICATE OF MAILING/TRANSMISSION

I hereby certify that this correspondence is being deposited with the United States Postal Service on the date shown below with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

  
Krista Mathieson

Date

BEST AVAILABLE COPY

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re the Application of:

TATIANA SHPEISMAN, ET AL.

Application No.: 10/748,384

Filed: December 29, 2003

For: **DATA LAYOUT MECHANISM TO  
REDUCE HARDWARE RESOURCE  
CONFLICTS**



Art Group:

Examiner:

**INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. §1.97**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

In accordance with the duty of disclosure, enclosed is a copy of IDS Citation Form PTO/SB/08 or PTO-1449, together with copies of the documents cited on that form, except for copies not required to be submitted (e.g., copies of U.S. patents and U.S. published patent applications need not be enclosed). This IDS and IDS Citation Form are being submitted before the mailing of a first Office Action. It is respectfully requested that the cited references be considered and that the enclosed copy of PTO/SB/08 be initialed by the Examiner to indicate such consideration and a copy thereof returned to applicant(s).

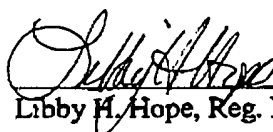
The references were cited in a Search Report dated November 17, 2005 (copy enclosed herewith) in a counterpart PCT application.

The submission of this Information Disclosure Statement is not to be construed as a representation that a search has been made in the subject application and is not to be construed as an admission that the information cited in this statement is material to patentability.

Please charge any fees due to Deposit Account 50-0221.

Respectfully submitted,

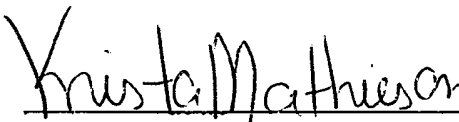
Date: 2-7-06



Libby H. Hope, Reg. No. 46,774

12400 Wilshire Boulevard, 7th Floor  
Los Angeles, CA 90025  
Telephone:

I hereby certify that this correspondence is being deposited with the United States Postal Service on the date shown below with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.



Krista Mathieson

2-7-06

Date



# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

**(use as many sheets as necessary)**

Sheet

1

of

2

**Complete if Known**

Application Number	10/748,384
--------------------	------------

Filing Date	December 29, 2003
-------------	-------------------

First Named Inventor	Tatiana Shpeisman
----------------------	-------------------

**Art Unit**

Examiner Name

Attorney Docket Number	42P17251
------------------------	----------

## U.S. PATENT DOCUMENTS

[illegible]

## FOREIGN PATENT DOCUMENTS

[illegible]

**Examiner  
Signature**

Date	Considered
------	------------

\*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication.

<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.

Based on PTO/SB/08A (08-03) as modified by Blakely, Solokoff, Taylor & Zafman (wlr) 08/11/2003.

Send To: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

Substitute for form 1449A/PTO <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>				<b>Complete if Known</b>	
				Application Number	10/748,384
				Filing Date	December 29, 2003
				First Named Inventor	Tatiana Shpeisman
				Art Unit	
				Examiner Name	
Sheet	2	of	2	Attorney Docket Number	42P17251

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
		KO M-Y, BHATTACHARYYA S S: "Partitioning for DSP Software Synthesis", Software and Compilers for Embedded Systems: 7th International Workshop, Scopes 2003, Vienna, Sept. 24-26, 2003. Proceedings (Springer LNCS 2826), pgs. 344-358, XP002349106.	
		YU HEN HU (Editor): "Programmable Digital Signal Processors", 2001 Marcel Dekker, XP002352402, ISBN: 0-8247-0647-1, Chap. 8 - S S Bhattacharyya: Hardware/Software Coynthesis of DSP Systems (pgs 333-378).	
		BHATTACHARYYA S S ET AL: "Software Synthesis and Code Generation for Signal Processing Systems" IEE Transactions on Circuits and Systems-II: Analog and Digital Signal Processing, vol. 47, no. 9, Sept 2000, pgs 849-875, XP002352333.	
		SAFARI ET AL: "Testability improvement during high-level synthesis", 12th Asian Test Symposium, 2003. ATS 2003. Nov. 16-19, 2003, Piscataway, NJ, USA, IEEE, Nov. 19, 2003, page 505, XP010672538.	

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

\*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication.

<sup>1</sup>Applicant's unique citation designation number. <sup>2</sup>Applicant is to place a check mark here if English language Translation is attached.

Based on PTO/SB/08B (08-03) as modified by Blakely, Solokoff, Taylor & Zafman (wlr) 08/11/2003.  
Send To: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450